BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Estimate Cost Rs. 1000000.00

Name of Work: Providing sign and Ornamental boards in ward No-03.

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	Providing and fixing ornamental name boards of size 2.10 X 0.50Mtrs and column of size 0.15 x 0.15 Mtrs of height 1.23 Mtrs of each board made of C C 1:1, 5:3 with necessary centrering and form work smooth finishing with reinforcement etc including fabrication charges painting concreting and transportation charges from manufacturing yard to the site of work all lead and lift loadiing and undloading and labour charges etc. complete as per the direction of the engineer incharge of the work								
	Quation Approved Rates in BBMP	Each							
			10	1			10.00	6200.00	62000.00
2	Retro - Reflectorised Traffic Signs :- Providing and fixing of retro - reflectorised cautionary, mandatory and informatory sign as per IRC : 67 - 2001 made of high intensity grade micro prismatic HIP type IV sheeting, fixed over alumium sheeting, 2mm thick firmly fixed to the ground by means of properly designed foundation with M15 grade cement concrete 45cms x 45cm x 60cm, 60 cm below ground level as per approved drawing. The item includes earthwork excavation, Cement Concrete M-15 grade, 2 coats of approved colour synthetic enamel painting to the steel surface, as per clauses, including curing, cost of all materials, labour, loading, unloading, lead, lift, transporting etc., complete.(P.No.65, I.No.8.04 of NH SR 2009-10) Supported on a class B GI pipe 80mm outer dia, 3.50mtr long 60cm x 60cm square								

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
		Each							
			160				160.00	5400.59	864095.04
	Basic Rate	4590.00							
	Ad-HOC 11%	504.90							
	Sub Total	5094.90							
	Area Weightage 6%	305.69							
	Grand Total	5400.59							
3	KSRB 2-2.1 : Earth work excavation for foundation of buildings, culverts water supply, sanitary line and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5m, in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m, after breaking of clods complete as per specifications, specification, No, KBS 2.1(a) / 2.3.5, No.5/Item No. 2.3) SR 2016-17	cum							
	Ornamental Boards		10	0.60	0.60	0.60	2.16		
							2.16	**222.38**	**480.00**
	Basic Rate	189.00							
	Ad-HOC 11%	20.79							
	Sub Total	209.79							
	Area Weightage 6%	12.59							
	Grand Total	222.38							
4	KSRB 100-1 Loading and unloading ofstone aggregates / sand/ kanker/ Moorum /soil KSRRB M100-1 Placing tipper at loading with front end loader dumpting turning for return trip excluding time for haulged and return trip complete as per specification item No 17.1 page 130 and KSRB M.100.4.1 costof haulage excluding loading and unloading MORTH to a distance of 4.00 K.M (Item No 17.4 Page 134 (SR 2016-17)	cum							
			Vide Item No. 3				**2.16**	**95.07**	**205.00**
	Basic Rate for loading and unloading	68.00							
	Basic Rate for Haulage upto 4.00 k.m =1.28 X 2.50 X 4	12.80							
	Basic Rate	80.80							
	Ad-HOC 11%	8.89							
	Sub Total	89.69							
	Area Weightage 6%	5.38							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	Grand Total	95.07							
5	KSRB-4-1.2 : Providing and laying in position plain cement concrete of mix **1:3:6 with OPC** cement at 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @0.465cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1,4.2, No. 12/ Item No. 4.2/ PWD SR 2016-17	**cum**							
	Ornamental Boards		**10**	**0.60**	**0.60**	**0.60**	**2.16**		
							2.16	5937.12	**12824.00**
	Basic Rate	5046.00							
	Ad-HOC 11%	555.06							
	Sub Total	5601.06							
	Area Weightage 6%	336.06							
	Grand Total	5937.12							
6	KSRRB 800-1: **painting two coats after filling the surface** with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specification MORTH chapter 8, No. 182/ Item No. 24.1/ PWD SR 2016-17	**sqm**							
	Ornamental Boards		10	2.10		0.50	10.50		
	Columns Ornamental Boards		10	0.60		1.00	6.00		
	Existing Ornamental boads		22	2.10		0.50	23.10		
			22	0.60		1.00	13.20		
							52.80	**70.60**	**3727.00**
	Basic Rate	60.00							
	Ad-HOC 11%	6.60							
	Sub Total	66.60							
	Area Weightage 6%	4.00							
	Grand Total	70.60							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
7	KSRRB M800-9: Painting new Kannada letter and figures of any shade with synthetic enamel paint block or any other approved colour to give an even shade complete as per specification, ("ii) Hindi (Matras commas and the like not to be measured and paid for half letter shall be counted as half) MORTH specification No. 803, No. 184/ Item No. 24.9/ PWD SR 2016-17	cm							
			1	30000			30000		
	for Exsiting boards		1	28500			28500		
							58500	**0.88**	**51623.00**
	Basic Rate	0.75							
	Ad-HOC 11%	0.08							
	Sub Total	0.83							
	Area Weightage 6%	0.05							
	Grand Total	0.88							
8	Miscellaneous charges								**5046.00**
								Total	**1000000.00**
(Rupees fifteen Lakhs Only)									

CERTIFICATE

1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per C.S.R. of 2016-17
3 The provisions were made in this estimate are necessary and adequate.
4 This works come under B.B.M.P. limits.

Assistant Engineer

Assistant Executive Engineer
Yelahanka satellitetown Sub Division
Bangalore-106

Executive Engineer
Yelahanka Division
Bangalore-64

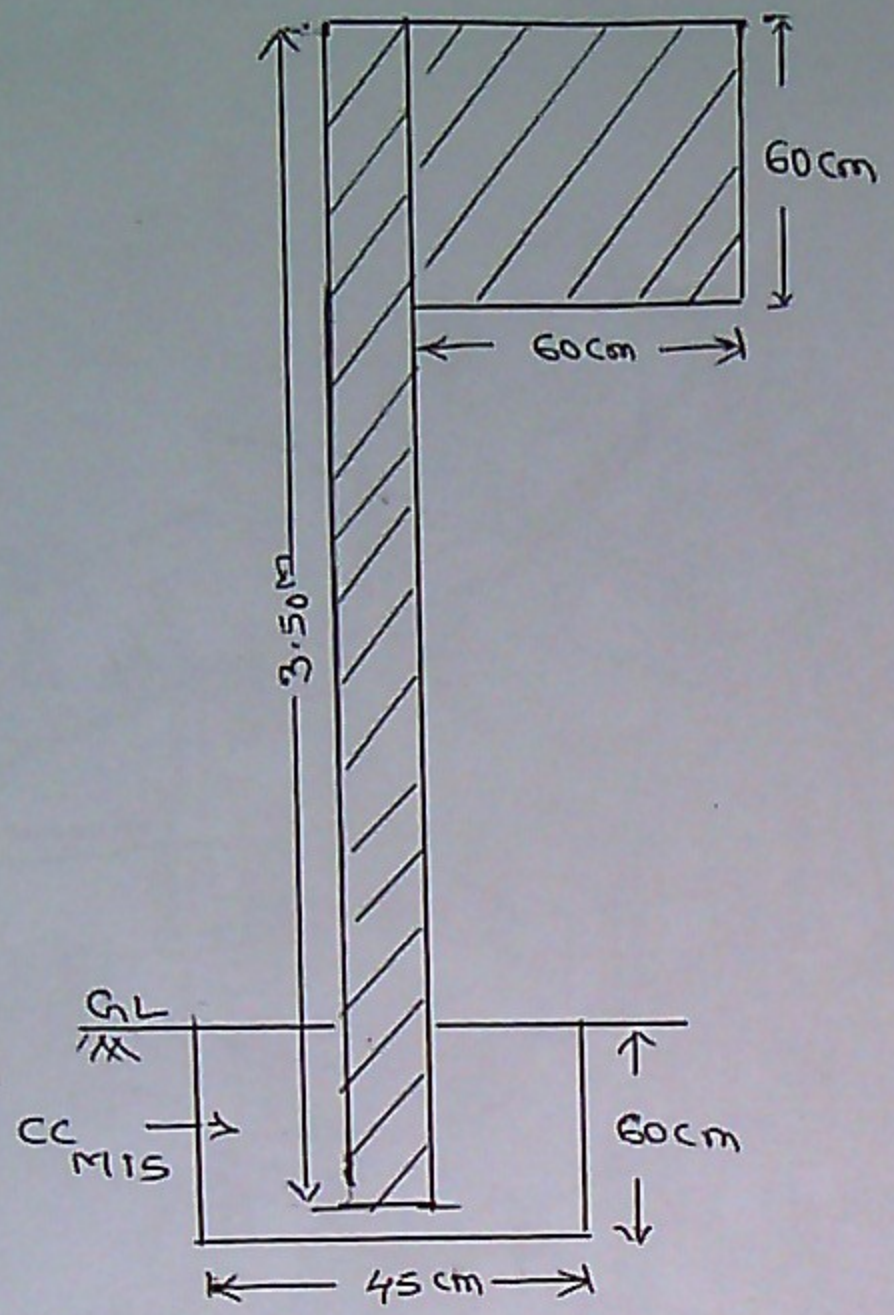
Administrative Sanction for Rs. 10.00 lac
Ten Lakh only
is accorded under head P-1771-2017-18
Registered as CE No. ..... Subject to conditions contained in enclosed memo No. EE/DD/55/2017-18 Dt. 16-2-18

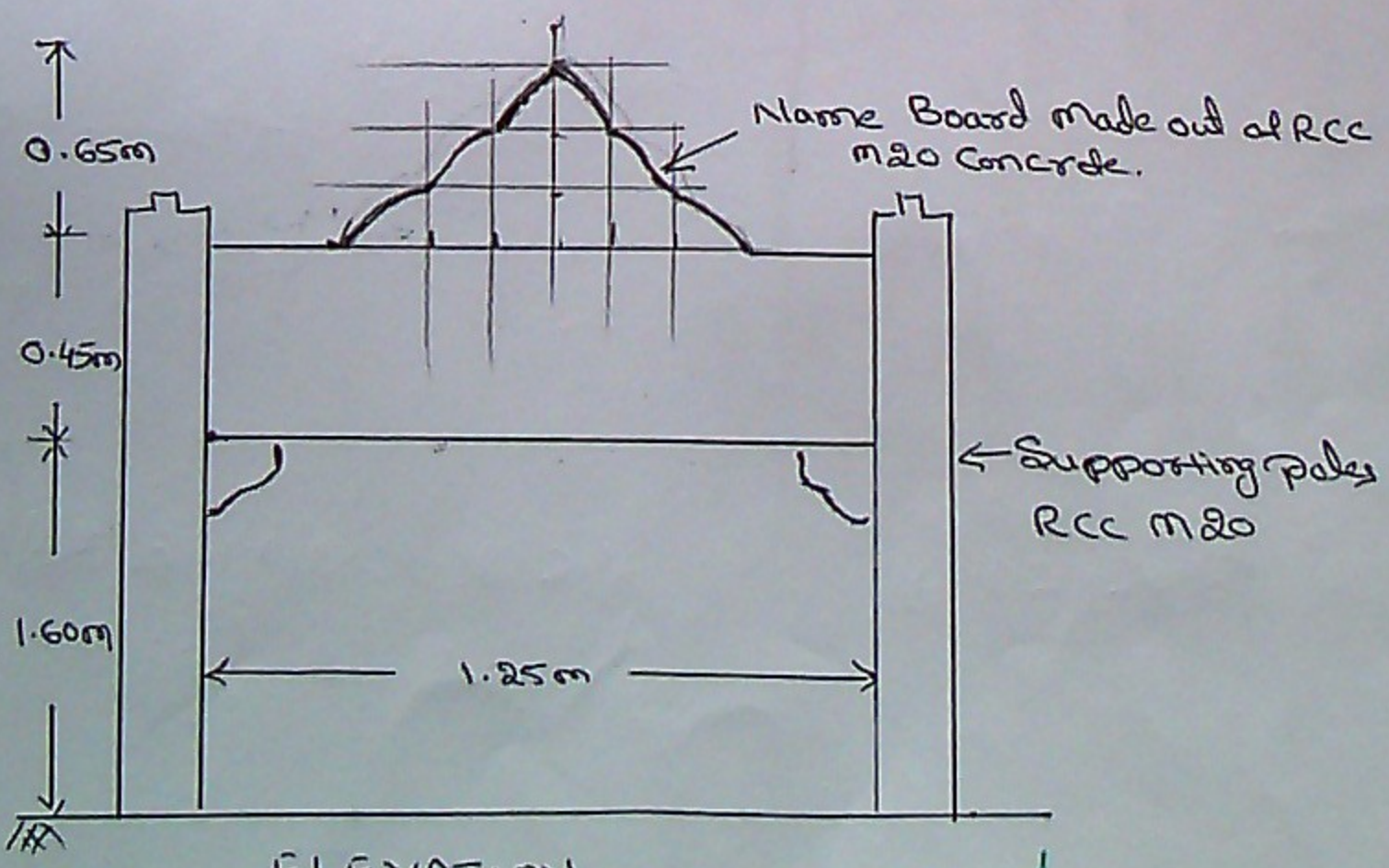
Executive Engineer

TECHNICALLY SANCTIONED FOR Rs 10.00 lac
Rupees Ten Lakhs only
Under P-1771-2017-18
Registered as CE ( ) No. 9 9
Subject to conditions contained in enclosed memo EE ( ) No. ...../9/
Dt..... Estimate / Sanctioned EE/TS/44/2017-18 No.....
Dated 16-02-2018 Rs. 10.00 Lakh

Executive Engineer

Name of work : Providing & Fixing Sign & Ornamented Board.





ELEVATION.

BRUHAT BANGALORE MAHANAGAR PALIKE
WARD: 3- ATTURU